

IN THE CLAIMS:

Please cancel claims 1-41 without prejudice or disclaimer of the subject matter thereof, and insert the following new claims:

B1
42. (New) A process for coating the rolls of a twin-roll continuous casting machine comprising:

applying to said rolls at least one release product containing a release agent in a carrier fluid, and

112
adjusting said release product to increase or decrease amount of the release agent therein while it is applied to said rolls based on at least one measured parameter, while maintaining a substantially uniform distribution of the release product on the rolls.

43. (New) A process according to claim 42, additionally comprising maintaining a constant flow of said release product.

44. (New) A process according to claim 42, wherein the release product is a suspension, a solution or a mixture thereof.

45. (New) A process according to claim 42, wherein the release agent includes graphite.

46. (New) A process according to claim 42, wherein the carrier fluid includes water.

47. (New) A process according to claim 42, wherein said

adjusting comprises a dilution of a concentrate of release agent in said carrier fluid.

48. (New) A process according to claim 47, wherein said concentrate is a mother suspension, a concentrated solution or a mixture thereof.

49. (New) A process according to claim 47, wherein said concentrate is selected from the group consisting of concentrated suspensions of graphite, boron nitride, colloidal silica, magnesia, organic products and mixtures thereof.

50. (New) A process according to claim 47, wherein said concentrate is a graphite gel containing between 20 and 30% by weight of graphite.

51. (New) A process according to claim 42, wherein said adjusting is carried out retroactively as a function of a measurement carried out on said casting machine.

52. (New) A process according to claim 51, wherein the machine includes a regulation loop.

53. (New) A process according to claim 51, wherein said measurement is selected from the group consisting of optical, laser, infrared, vibration, and mechanical tension measurements.

54. (New) A process according to claim 42, wherein said adjusting is carried out in an automated manner.

55. A process for twin-roll continuous casting of metal

strip including a coating process according to claim 42.

56. (New) A process according to claim 55, wherein casting is of metal strip selected from the group consisting of aluminum, aluminum alloy, copper and copper alloy strip.

57. A process for regulating a machine for twin-roll continuous casting of metal strip, comprising:

applying to rolls of the machine at least one release product containing a release agent in a carrier fluid, and adjusting said release product to increase or decrease amount of the release agent therein while it is applied to said rolls based on at least one measured parameter, while maintaining a substantially uniform distribution of the release product on the rolls.

58. (New) A process according to claim 57, wherein said adjusting is carried out as a function of the operating conditions of said machine.

59. (New) A process according to claim 57, wherein said adjusting is carried out retroactively as a function of measurement carried out on said casting machine.

60. (New) A process according to claim 59, wherein the machine includes a regulation loop.

61. (New) A process according to claim 59, wherein said measurement is selected from the group consisting of optical, laser, infrared, vibration, and mechanical tension

measurement.

62. (New) A process according to claim 55, wherein said
adjusting is carried out in an automated manner.